Nama   : Niansa Sixty Avilla

No.   : 27

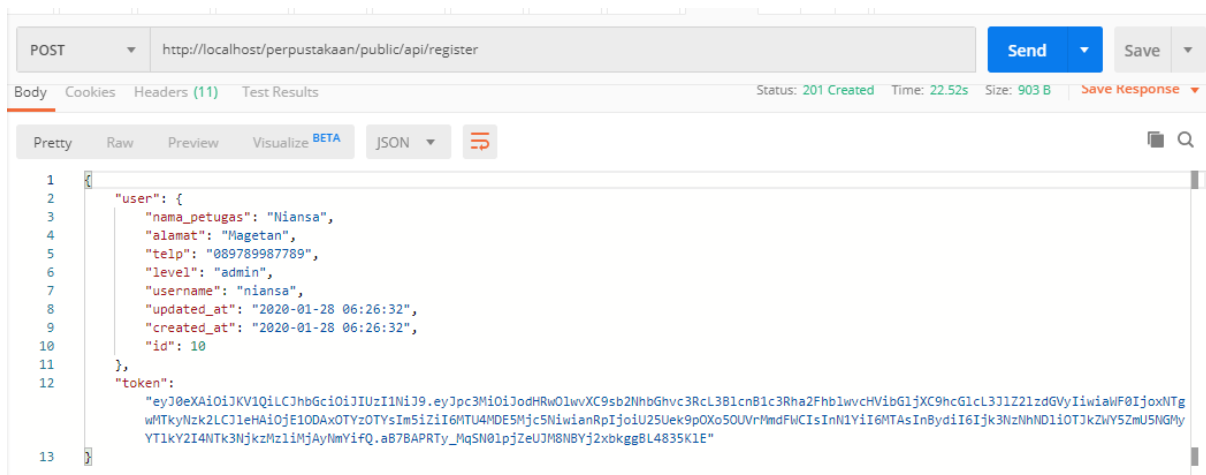Kelas   : XI RPL 6

CRUD

- **CMD**

- **Postman**
1. **Register**


```
{
    "user": {
        "nama_petugas": "Niansa",
        "alamat": "Magetan",
        "telp": "089789987789",
        "level": "admin",
        "username": "niansa",
        "updated_at": "2020-01-28 06:26:32",
        "created_at": "2020-01-28 06:26:32",
        "id": 10
    },
    "token":
        "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOlwvXC9sb2NhbGhvc3RcL3B1cnB1c3Rha2FhblwvcHVibGljXC9hcGlcL3J1Z21zdGVyIiwiaWF0IjoxNTgwMTkyNzk2LCJleHAiOjE1ODAxOTYzOTYsIm5iZiI6MTU4MDE5Mjc5NiwianRpIjoiU25Uek9pOXo5OUVrMmdFWCIsInN1YiI6MTAsInByditI6Ijk3NzNhND1iOTJkZWY5ZmU5NGMyYT1kY2I4NTk3NjkzMz1iMjAyNmYifQ.aB7BAPRTy_MqSN01pjZeUJM8NBYj2xbkggBL4835K1E"
}
```

2. Login

3. CRUD Buku
- **Simpan Buku**

- **Ubah Buku**

PUT | http://localhost/perpustakaan/public/api/ubah/7 | **Send** | Save

Params | Authorization | Headers (10) | Body ● | Pre-request Script | Tests | Settings   Cookies | Code

○ none   ○ form-data   ● x-www-form-urlencoded   ○ raw   ○ binary   ○ GraphQL BETA

KEY	VALUE	DESCRIPTION	••• Bulk Edit
☑ judul	Kamui Pekao		
☑ penerbit	Gramedia		
☑ pengarang	Aulia		
☑ foto	-		
Key	Value	Description	

Body | Cookies | Headers (11) | Test Results   Status: 200 OK   Time: 904ms   Size: 362 B   Save Response ▾

Pretty   Raw   Preview   Visualize BETA   JSON ▾

```
1  {
2      "status": 1
3  }
```

- **Hapus Buku**

DELETE | http://localhost/perpustakaan/public/api/hapus/7 | **Send** | Save

Params | Authorization | Headers (10) | Body ● | Pre-request Script | Tests | Settings   Cookies | Code

TYPE

Inherit auth from parent ▾

The authorization header will be automatically generated when you send the request. Learn more about authorization

This request is not inheriting any authorization helper at the moment. Save it in a collection to use the parent's authorization helper.

Body | Cookies | Headers (11) | Test Results   Status: 200 OK   Time: 770ms   Size: 362 B   Save Response ▾

Pretty   Raw   Preview   Visualize BETA   JSON ▾

```
1  {
2      "status": 1
3  }
```

- **Tampil Buku**

GET ▼ | http://localhost/perpustakaan/public/api/tampil | **Send** ▼ | Save ▼

Pretty | Raw | Preview | Visualize BETA | JSON ▼

```json
{
    "count": 6,
    "buku": [
        {
            "id": 1,
            "judul": "Dilan",
            "penerbit": "Gramedia",
            "pengarang": "Chatlea",
            "foto": "-"
        },
        {
            "id": 2,
            "judul": "By Me",
            "penerbit": "Gramedia",
            "pengarang": "Niansa",
            "foto": "-"
        },
        {
            "id": 3,
            "judul": "Not Me",
            "penerbit": "Gramedia",
            "pengarang": "Syifa",
            "foto": "-"
        },
        {
            "id": 4,
            "judul": "Up",
            "penerbit": "Gramedia",
            "pengarang": "Kiky",
            "foto": "-"
        },
        {
            "id": 5,
            "judul": "Married",
            "penerbit": "Gramedia",
            "pengarang": "Kandiya",
            "foto": "-"
        },
        {
            "id": 6,
            "judul": "For You",
            "penerbit": "Gramedia",
            "pengarang": "Niansa",
            "foto": "-"
        }
    ]
}
```

- **Index Buku (Indeks sama seperti tampil tapi tidak ada tulisan jumlahnya)**

```
GET     ▼    http://localhost/perpustakaan/public/api/index                    Send  ▼   Save  ▼

request. Learn more about authorization

Body  Cookies  Headers (11)  Test Results          Status: 200 OK  Time: 616ms  Size: 1.1 KB   Save Response ▼

Pretty   Raw   Preview   Visualize BETA   JSON ▼

1   [
2       {
3           "id": 1,
4           "judul": "Dilan",
5           "penerbit": "Gramedia",
6           "pengarang": "Chatlea",
7           "foto": "-",
8           "created_at": "2020-01-15 14:33:26",
9           "updated_at": null
10      },
11      {
12          "id": 2,
13          "judul": "By Me",
14          "penerbit": "Gramedia",
15          "pengarang": "Niansa",
16          "foto": "-",
17          "created_at": "2020-01-15 14:33:26",
18          "updated_at": null
19      },
20      {

20      {
21          "id": 3,
22          "judul": "Not Me",
23          "penerbit": "Gramedia",
24          "pengarang": "Syifa",
25          "foto": "-",
26          "created_at": "2020-01-15 14:33:26",
27          "updated_at": null
28      },
29      {
30          "id": 4,
31          "judul": "Up",
32          "penerbit": "Gramedia",
33          "pengarang": "Kiky",
34          "foto": "-",
35          "created_at": "2020-01-15 14:33:26",
36          "updated_at": null
37      },
38      {
39          "id": 5,
40          "judul": "Married",
41          "penerbit": "Gramedia",
42          "pengarang": "Kandiya",
43          "foto": "-",
44          "created_at": "2020-01-15 14:33:26",

39          "id": 5,
40          "judul": "Married",
41          "penerbit": "Gramedia",
42          "pengarang": "Kandiya",
43          "foto": "-",
44          "created_at": "2020-01-15 14:33:26",
45          "updated_at": null
46      },
47      {
48          "id": 6,
49          "judul": "For You",
50          "penerbit": "Gramedia",
51          "pengarang": "Niansa",
52          "foto": "-",
53          "created_at": null,
54          "updated_at": null
55      }
56  ]
```

4. CRUD Anggota

- **Simpan Anggota**

- Ubah Anggota

- Hapus Anggota

- **Tampil Anggota**


```
GET    ▼    http://localhost/perpustakaan/public/api/tampil_anggota                    Send  ▼   Save  ▼

Pretty    Raw    Preview    Visualize BETA    JSON ▼    ⇥                                    📋  🔍

1    {
2        "count": 5,
3        "anggota": [
4            {
5                "nama_anggota": "Dilan",
6                "alamat": "jalan danau buyan 1",
7                "telp": "089777000111"
8            },
9            {
10               "nama_anggota": "Milea",
11               "alamat": "jalan danau buyan 2",
12               "telp": "089777002211"
13           },
14           {
15               "nama_anggota": "Niansa",
16               "alamat": "jalan danau bratan",
17               "telp": "089765432123"
18           },
19           {
20               "nama_anggota": "Cinta",
21               "alamat": "jalan danau kerinci",
22               "telp": "089777888999"
23           },
24           {
```

```
24           {
25               "nama_anggota": "Naura",
26               "alamat": "jalan danau buyan",
27               "telp": "089777888111"
28           }
29       ]
30   }
```

- **Index Anggota (Indeks sama seperti tampil tapi tidak ada tulisan jumlahnya)**


```
GET    ▼    http://localhost/perpustakaan/public/api/index_anggota                    Send  ▼   Save  ▼

Key                        Value                        Description
▶ Temporary Headers (8) ⓘ

Body   Cookies   Headers (11)   Test Results        Status: 200 OK   Time: 658ms   Size: 1.02 KB   Save Response ▼

Pretty    Raw    Preview    Visualize BETA    JSON ▼    ⇥                                    📋  🔍

1    [
2        {
3            "id": 7,
4            "nama_anggota": "Dilan",
5            "alamat": "jalan danau buyan 1",
6            "telp": "089777000111",
7            "created_at": "2020-01-15 14:33:11",
8            "updated_at": null
9        },
10       {
11           "id": 8,
12           "nama_anggota": "Milea",
13           "alamat": "jalan danau buyan 2",
14           "telp": "089777002211",
15           "created_at": "2020-01-15 14:33:11",
16           "updated_at": null
17       },
18       {
19           "id": 9,
20           "nama_anggota": "Niansa",
21           "alamat": "jalan danau bratan",
```

```
19          "id": 9,
20          "nama_anggota": "Niansa",
21          "alamat": "jalan danau bratan",
22          "telp": "089765432123",
23          "created_at": "2020-01-15 14:33:11",
24          "updated_at": null
25      },
26      {
27          "id": 10,
28          "nama_anggota": "Cinta",
29          "alamat": "jalan danau kerinci",
30          "telp": "089777888999",
31          "created_at": "2020-01-15 14:33:11",
32          "updated_at": null
33      },
34      {
35          "id": 11,
36          "nama_anggota": "Naura",
37          "alamat": "jalan danau buyan",
38          "telp": "089777888111",
39          "created_at": "2020-01-15 14:33:11",
40          "updated_at": null
41      }
42  ]
```

- **Script**
- **Controller Buku**

app > Http > Controllers > BukuController.php

```php
1   <?php
2
3   namespace App\Http\Controllers;
4
5   use Illuminate\Http\Request;
6   use App\Buku_model;
7   use Auth;
8   use Illuminate\Support\Facades\Validator;
9   class BukuController extends Controller
10  {
11      public function index()
12      {
13          if(Auth::user()->level=="admin"){
14              $dt_buku=Buku_model::get();
15              return response()->json($dt_buku);
16          }else{
17              return response()->json(['status'=>'anda bukan admin']);
18          }
19      }
20      public function store(Request $req)
21      {
22          if(Auth::user()->level=="admin"){
23          $validator=Validator::make($req->all(),
24          [
25              'judul'=>'required',
26              'penerbit'=>'required',
27              'pengarang'=>'required',
28              'foto'=>'required'
29          ]
30          );
31          if($validator->fails()){
32              return Response()->json($validator->errors());
33          }
34
35          $simpan=Buku_model::create([
36              'judul'=>$req->judul,
37              'penerbit'=>$req->penerbit,
38              'pengarang'=>$req->pengarang,
39              'foto'=>$req->foto
40          ]);
41          ...
```

```php
40              ]);
41                  return Response()->json(['status'=>1]);
42          }else{
43                  return Response()->json(['status'=>0]);
44          }
45      }
46      public function update($id,Request $req)
47      {
48          if(Auth::user()->level=="admin"){
49          $validator=Validator::make($req->all(),
50          [
51              'judul'=>'required',
52              'penerbit'=>'required',
53              'pengarang'=>'required',
54              'foto'=>'required'
55          ]
56          );
57          if($validator->fails()){
58              return Response()->json($validator->errors());
59          }
60          $ubah=Buku_model::where('id',$id)->update([
61              'judul'=>$req->judul,
62              'penerbit'=>$req->penerbit,
63              'pengarang'=>$req->pengarang,
64              'foto'=>$req->foto
65          ]);
66                  return Response()->json(['status'=>1]);
67          }else{
68                  return Response()->json(['status'=>0]);
69          }
70      }
71      public function destroy($id)
72      {
73          if(Auth::user()->level=="admin"){
74          $hapus=Buku_model::where('id',$id)->delete();
75                  return Response()->json(['status'=>1]);
76          }else{
77                  return Response()->json(['status'=>0]);
78          }
79      }
```

```php
public function tampil(){
    if(Auth::user()->level=="admin"){
        $datas = Buku_model::get();
        $count = $datas->count();
        $buku = array();
        $status = 1;
        foreach ($datas as $dt_sw){
            $buku[] = array(
                'id' => $dt_sw->id,
                'judul' => $dt_sw->judul,
                'penerbit' => $dt_sw->penerbit,
                'pengarang' => $dt_sw->pengarang,
                'foto' => $dt_sw->foto
            );
        }
        return Response()->json(compact('count','buku'));
    } else {
        return Response()->json(['status'=> 'Tidak bisa, anda bukan admin']);
    }
}
}
```

- **Controller Anggota**

```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\Anggota_model;
use Auth;
use Illuminate\Support\Facades\Validator;
class AnggotaController extends Controller
{
    public function index()
    {
        if(Auth::user()->level=="admin"){
            $dt_anggota=Anggota_model::get();
            return response()->json($dt_anggota);
        }else{
            return response()->json(['status'=>'anda bukan admin']);
        }
    }
    public function store(Request $req)
    {
        if(Auth::user()->level=="admin"){
        $validator=Validator::make($req->all(),
        [
            'nama_anggota'=>'required',
            'alamat'=>'required',
            'telp'=>'required'
        ]
        );
        if($validator->fails()){
            return Response()->json($validator->errors());
        }

        $simpan=Anggota_model::create([
            'nama_anggota'=>$req->nama_anggota,
            'alamat'=>$req->alamat,
            'telp'=>$req->telp
        ]);
            return Response()->json(['status'=>1]);
        }else{
```

```php
        }else{
            return Response()->json(['status'=>0]);
        }
    }
    public function update($id,Request $req)
    {
        if(Auth::user()->level=="admin"){
        $validator=Validator::make($req->all(),
        [

            'nama_anggota'=>'required',
            'alamat'=>'required',
            'telp'=>'required'
        ]
        );
        if($validator->fails()){
            return Response()->json($validator->errors());
        }
        $ubah=Anggota_model::where('id',$id)->update([
            'nama_anggota'=>$req->nama_anggota,
            'alamat'=>$req->alamat,
            'telp'=>$req->telp
        ]);
            return Response()->json(['status'=>1]);
        }else{
            return Response()->json(['status'=>0]);
        }
    }
    public function destroy($id)
    {
        if(Auth::user()->level=="admin"){
        $hapus=Anggota_model::where('id',$id)->delete();
            return Response()->json(['status'=>1]);
        }else{
            return Response()->json(['status'=>0]);
        }
    }
    public function tampil(){
```

```
77        public function tampil(){
78            if(Auth::user()->level=="admin"){
79                $datas = Anggota_model::get();
80                $count = $datas->count();
81                $anggota = array();
82                $status = 1;
83                foreach ($datas as $dt_gt){
84                    $anggota[] = array(
85                        'nama_anggota' => $dt_gt->nama_anggota,
86                        'alamat' => $dt_gt->alamat,
87                        'telp' => $dt_gt->telp
88                    );
89                }
90                return Response()->json(compact('count','anggota'));
91            } else {
92                return Response()->json(['status'=> 'Tidak bisa, anda bukan admin']);
93            }
94        }
95    }
96
```

- **Model Buku**

```
app > Buku_model.php
 1    <?php
 2
 3    namespace App;
 4
 5    use Illuminate\Database\Eloquent\Model;
 6
 7    class Buku_model extends Model
 8    {
 9        protected $table="buku";
10        protected $tableprimaryKey="id";
11        public $timestamps=false;
12
13        protected $fillable = [
14            'judul', 'penerbit', 'pengarang', 'foto'
15        ];
16    }
17
```

- **Model Anggota**

```php
app > 🐘 Anggota_model.php
  1   <?php
  2
  3   namespace App;
  4
  5   use Illuminate\Database\Eloquent\Model;
  6
  7   class Anggota_model extends Model
  8   {
  9       protected $table="anggota";
 10       protected $tableprimaryKey="id";
 11       public $timestamps=false;
 12
 13       protected $fillable = [
 14           'nama_anggota', 'alamat', 'telp'
 15       ];
 16   }
 17
```

- **api**

```php
 16   Route::middleware('auth:api')->get('/user', function (Request $request) {
 17       return $request->user();
 18   });
 19   Route::post('register', 'PetugasController@register');
 20   Route::post('login', 'PetugasController@login');
 21   Route::get('/', function(){
 22       return Auth::user()->level;
 23   })->middleware('jwt.verify');
 24
 25   Route::get('user', 'PetugasController@getAuthenticatedUser')->middleware('jwt.verify');
 26
 27   #buku
 28   Route::get('/index','BukuController@index')->middleware('jwt.verify');
 29   Route::post('/simpan','BukuController@store')->middleware('jwt.verify');
 30   Route::put('/ubah/{id}','BukuController@update')->middleware('jwt.verify');
 31   Route::delete('/hapus/{id}','BukuController@destroy')->middleware('jwt.verify');
 32   Route::get('/tampil','BukuController@tampil')->middleware('jwt.verify');
 33
 34   #anggota
 35   Route::get('/index_anggota','AnggotaController@index')->middleware('jwt.verify');
 36   Route::post('/simpan_anggota','AnggotaController@store')->middleware('jwt.verify');
 37   Route::put('/ubah_anggota/{id}','AnggotaController@update')->middleware('jwt.verify');
 38   Route::delete('/hapus_anggota/{id}','AnggotaController@destroy')->middleware('jwt.verify');
 39   Route::get('/tampil_anggota','AnggotaController@tampil')->middleware('jwt.verify');
 40
```